

Missouri Department of Natural Resources



PUBLIC NOTICE

APPLICATION FOR MISSOURI STATE OPERATING PERMIT

DATE: **August 27, 2004**

In accordance with the state Clean Water Law, Chapter 644, RSMo, Clean Water Commission regulation 10 CSR 20-6.010, and the federal Clean Water Act, the applicants listed herein have applied for authorization to either discharge to waters of the state or to operate a no-discharge wastewater treatment facility. The proposed permits for these operations are consistent with applicable water quality standards, effluent standards and/or treatment requirements or suitable timetables to meet these requirements (see 10 CSR 20-7.015 and 7.031). All permits will be issued for a period of five years, unless noted otherwise in the Public Notice for that discharge.

On the basis of preliminary staff review and the application of applicable standards and regulations, the Missouri Department of Natural Resources (MDNR), as administrative agent for the Missouri Clean Water Commission, proposes to issue a permit(s) subject to certain effluent limitations, schedules, and special conditions. The proposed determinations are tentative pending public comment.

Persons wishing to comment on the proposed permit conditions are invited to submit them in writing to the **Department of Natural Resources, St. Louis Regional Office, 7545 South Lindbergh, Suite 210, St. Louis, Missouri 63125, ATTN: Thomas M. Siegel, Chief, Permits and Engineering**. Please include the permit number in all comment letters.

Comments should be confined to the issues relating to the proposed action and permit(s) and the effect on water quality. The MDNR may not consider as relevant comments or objections to a permit based on issues outside the authority of the Clean Water Commission, (see Curdt v. Mo. Clean Water Commission, 586 S.W.2d 58 Mo. App. 1979).

All comments must be postmarked by September 26, 2004 or received in our office by 5:00 p.m. on September 29, 2004. The requirement of a signed document makes it impossible to accept email comments for consideration at this time. Comments will be considered in the formulation of all final determinations regarding the applications. If response to this notice indicates significant public interest, a public meeting or hearing may be held after due notice for the purpose of receiving public comment on the proposed permit or determination. Public hearings and/or issuance of the permit will be conducted or processed according to 10 CSR 20-6.020.

Copies of all draft permits and other information including copies of applicable regulations are available for inspection and copying at DNR's website, <http://www.dnr.state.mo.us/wpscd/wpcp/homewpcp.htm>, or at the Department of Natural Resources, St. Louis Regional Office, 7545 S. Lindbergh, Suite 210, St. Louis, Missouri 63125, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday.

Public Notice Date: August 27, 2004
Permit Number: MO-0119733
St. Louis Regional Office

FACILITY NAME AND ADDRESS	NAME AND ADDRESS OF OWNER
Jefferson Barracks Marine	DaimlerChrysler Corporation 800 Chrysler Drive Auburn Hills, MI 48326
RECEIVING STREAM & LEGAL DESCRIPTION	TYPE OF DISCHARGE
Meramec River (P) (02183) US Survey 882, Sec 16 projected, T44N, R5E, St. Louis County	Industrial, reissuance

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION



MISSOURI CLEAN WATER OPERATING PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-110, 92nd Congress) as amended,

Permit No.: MO-0000167

Owner: DaimlerChrysler Corporation
Address: 800 Chrysler Drive, Auburn Hills, MI 48326

Continuing Authority: DaimlerChrysler – St. Louis Assembly Complex
Address: 1050 Dodge Drive, Fenton, MO 63026

Facility Name: DaimlerChrysler – St. Louis Assembly Complex
Facility Address: 1050 Dodge Drive, Fenton, MO 63026

Legal Description: US Survey 882, (NW ¼, SE ¼, Sec 16 projected), T44N, R5E, St. Louis County
Receiving Stream: Meramec River (P)
First Classified Stream and ID: Meramec River (P) (02183)
USGS Basin & Sub-watershed No.: (07140102 080 003)

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

FACILITY DESCRIPTION

(See Page Two)

Effective Date

Stephen M. Mahfood, Director, Department of Natural Resources
Executive Secretary, Clean Water Commission

Expiration Date
MO 780-0041 (10-93)

Mohamad Alhalabi, P.E., Director, St. Louis Regional Office

FACILITY DESCRIPTION (continued)

Outfall #002 - SIC# 3711 - Water Cooler discharge, cooling water and stormwater runoff from Assembly Plant No. 1. Flow averages 125,000 gallons per day during dry weather. Actual flow is 22,000 gallons per day.

Outfall #003 - SIC# 3711 - Lagoon is closed.

Outfall #004 - SIC# 3711 - Water Cooler discharge, cooling water and stormwater runoff from Assembly Plant No. 2. Flow averages 125,000 gallons per day during dry weather. Actual flow is 77,800 gallons per day.

Outfall #005 - #007 - SIC# 3711 - Stormwater runoff outfalls. Flow depends upon rainfall. Actual flows are #005 – 66,900 gpd, #006 – 265,400 gpd, #007 – 67,900 gpd.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS					PAGE NUMBER 3 of 5	
					PERMIT NUMBER MO-0000167	
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>Outfalls #002 & #004</u>						
Flow	MGD	*			once/month	24 hr. estimate
Total Suspended Solids	mg/L	100		50	once/month	grab
Chemical Oxygen Demand	mg/L			*	once/month	grab
Oil and Grease		15		10	once/month	grab
pH – Units	SU	**		**	once/month	grab
Temperature	°F	110°			once/month	grab
<u>Outfalls #005 - #007</u>						
Flow	MGD	*		*	once/quarter***	24 hr. estimate
Total Suspended Solids	mg/L	*		*	once/quarter***	grab
Settleable Solids	mL/L/hr	1.5		1.0	once/quarter***	grab
Chemical Oxygen Demand	mg/L	*		*	once/quarter***	grab
pH – Units	SU	**		**	once/quarter***	grab
MONITORING REPORTS SHALL BE SUBMITTED <u>QUARTERLY</u> ; THE FIRST REPORT IS DUE _____. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
B. STANDARD CONDITIONS						
IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED <u>Parts I & III</u> STANDARD CONDITIONS DATED <u>October 1, 1980 and August 15, 1994</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

MO 780-0010 (8/91)

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

* Monitoring requirement only.

** pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.0-9.0 pH units.

*** Sample once per quarter in the months of February, May, August, and November.

C. SPECIAL CONDITIONS

1. This permit may be modified, or alternatively revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C), and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:
 - (a) Contains different conditions or is otherwise more stringent than the effluent limitation in the permit; or
 - (b) Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall contain all other requirements of the Act then applicable.

2. All outfalls must be clearly marked in the field.
3. Permittee shall not cause or contribute to a violation of the minimum water quality required by 10 CSR 20-7.031.
4. This permit may be reopened and modified, or alternatively revoked and reissued, to incorporate new or modified effluent limitations or other conditions, if the result of a wastewater allocation study, toxicity test, or other information indicates changes are necessary to ensure compliance with Missouri's Water Quality Standards.
5. Changes in Discharges of Toxic Substances

The permittee shall notify the Director as soon as it knows or has reason to believe:

- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
 - (1) One hundred micrograms per liter (100 ug/L);
 - (2) Two hundred micrograms per liter (200 ug/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/L) for 2,5 dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for the pollutant in the permit application;
 - (4) The level established in Part A of the permit by the Director.
 - (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant, which was not reported in the permit application.
6. Report as no-discharge when a discharge does not occur during the report period.
 7. General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:
 - (a) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
 - (b) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
 - (c) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
 - (d) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
 - (e) There shall be no significant human health hazard from incidental contact with the water;
 - (f) There shall be no acute toxicity to livestock or wildlife watering;

C. SPECIAL CONDITIONS (continued)

8. General Criteria. (continued)

- (g) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
- (h) Waters shall be free from used tires, car bodies, appliances, demolition debris and vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is specifically permitted pursuant to section 260.200-260.247.

9. At least one (1) warning sign shall be placed at each water cooler in such a position to be clearly visible. Appropriate wording shall be used to prohibit liquids other than drinking water from being thrown into the cooler. Signs shall be made of durable materials with characters at least two inches (2") high and shall be securely fastened to the wall, equipment or other suitable locations.

Date of Fact Sheet: August 18, 2004

Date of Public Notice: August 27, 2004

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT
FACT SHEET

This Fact Sheet explains the applicable regulations and rationale for development of this permit and the public participation process.

NPDES PERMIT NUMBER: MO-0000167

FACILITY NAME: DaimlerChrysler – St. Louis Assembly Complex

OWNER NAME: DaimlerChrysler Corporation

LOCATION: US Survey 882 (NW ¼, SE ¼, Sec 16 proj), T44N, R5E, St. Louis County

RECEIVING STREAM: Meramec River (P) (02183)

FACILITY CONTACT PERSON: Gary Szczepanski TEL (636)343-3175

FACILITY DESCRIPTION AND RATIONALE

The DaimlerChrysler – St. Louis Assembly Complex is a minivan and light truck vehicle assembly plant. They are requesting a renewal of their permit for the five current outfalls. Outfalls 002 and 004 consist of water cooler discharge, cooling water and stormwater runoff from Assembly Plants 1 and 2 respectively. Outfalls 005, 006 and 007 are for stormwater runoff only.

This permit will be issued for a period of five years.